

## METHOD AND APPARATUS FOR ANALYZING DIGITAL VIDEO USING MULTI-FORMAT DISPLAY

### ABSTRACT OF THE DISCLOSURE

A multi-format display device for video production and testing selectively presents a video input signal in three or more distinct ways to facilitate analysis. A complete picture, a picture zoom an area of particular scrutiny around a cursor position, tabular pixel information, a color swatch corresponding to pixel data values and graphic plots of picture data, audio and other information can be placed in areas of a formatted display. Predetermined or input pixel selection criteria can shift the display at least temporarily to identify pixels in the display that meet the criteria as the input video signal frames proceed.

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